

## **NOAA - National Weather Service**

**Tampa Bay Area**

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**813-645-2323**

**<http://weather.gov/tampa>**

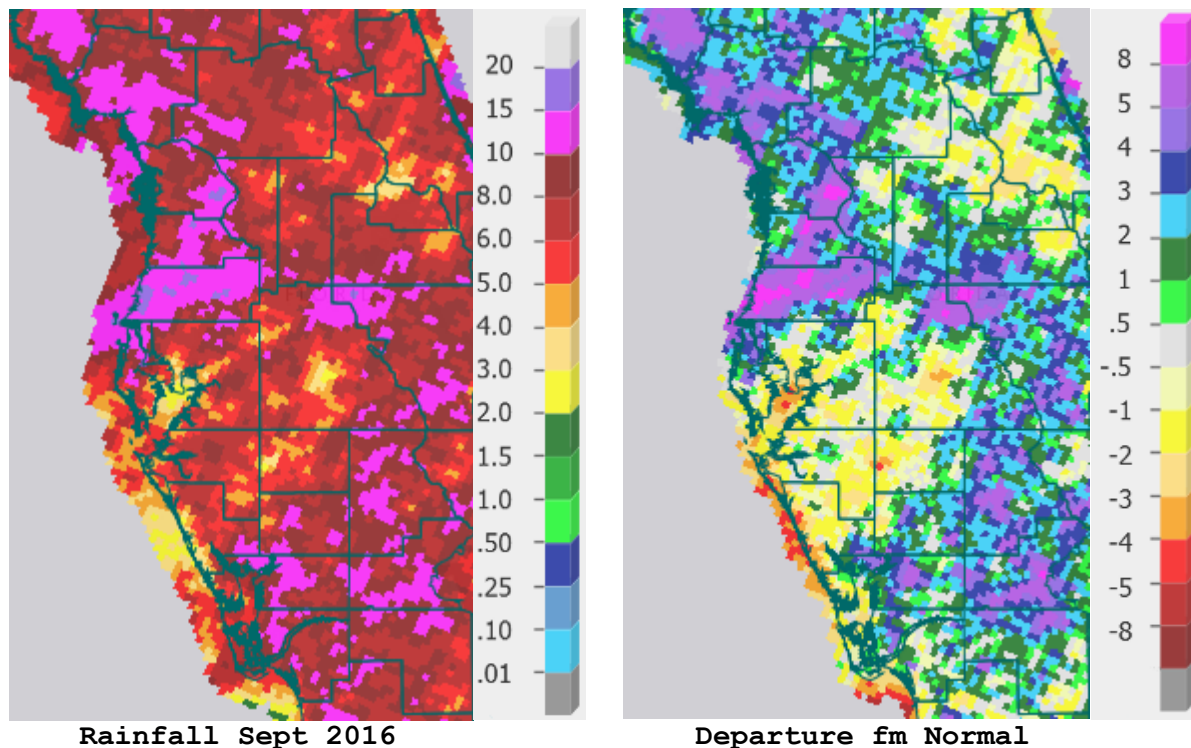
### **September 2016 Ends Up Being One of the Warmest September's On Record and One of the Top Ten Wettest in a Few Locations**

For the seventh month in a row most of the region has seen temperatures averaging above normal. For September 2016 most locations ended up 1 to 3 degrees above normal which placed many in the Top Ten Warmest September's since records began as seen in the table below.

#### **SEPTEMBER TEMPERATURE (deg F) :**

Location	Sept 2016 Rank	Avg Temp	Normal Sept Temp	Departure fm Normal
Archbold Bio Stn	1st	82.3	79.7	+2.6
Chiefland 5 SE	1st(tie)	81.0	77.8	+3.2
Plant City	1st	82.9	80.3	+2.6
Punta Gorda 4 ESE	1st	84.3	81.9	+2.4
Sarasota-Bradenton	1st	83.9	81.4	+2.5
Tampa	1st	83.8	81.7	+2.1
Lakeland	2nd(tie)	82.9	80.2	+2.7
Winter Haven	3rd	82.9	81.5	+1.4
Inverness 3 SE	8th(tie)	81.1	79.4	+1.7
Venice	9th(tie)	82.4	81.0	+1.4

Rainfall on the other hand was highly variable with areas near the coast from the Tampa Bay area northward receiving heavy rainfall early in the month thanks to Hermine. Otherwise, the showers and thunderstorms were generally scattered in nature with amounts for the month varying widely across the region from as little as 4 inches to over 15 inches.



In the table below is the list of locations available so far that ended up in the Top Ten Wettest for September.

**SEPTEMBER RAINFALL (inches):**

Location	Rank	Sept 2016 Rain Total	Normal Sept Rainfall	Departure fm Normal
Inverness 3 E	1st	16.73	6.00	+10.73
Archbold Bio Stn	2nd	12.78	6.46	+6.32
Brooksville Area	9th	13.33	6.56	+6.77

On the following pages are tables of the Top Ten Warmest and Top Ten Wettest/Driest September's for some sites across the region, along with the September 2016 average/totals, and the 1981 to 2010 Normals.

**CHIEFLAND 5 SE** (records began in June 1956):

Warmest September's	Wettest September's	Driest September's
<b>1 81.0 in 2016</b>	1 21.39 in 2004	1 0.86 in 1972
81.0 in 1970	2 20.12 in 1988	2 1.06 in 1968
3 80.8 in 1986	3 16.04 in 1964	3 1.10 in 2008
80.8 in 1980	4 14.77 in 1998	4 1.23 in 1978
5 80.5 in 1988	5 13.65 in 1983	5 1.74 in 1997
6 80.4 in 1998	6 10.49 in 1979	6 1.97 in 1967
80.4 in 1959	7 10.16 in 1989	7 1.99 in 2003
8 80.3 in 1973	8 10.11 in 2005	8 2.15 in 1961
9 80.2 in 2015	9 10.03 in 1966	9 2.20 in 1958
80.2 in 2002	10 9.96 in 1960	10 2.23 in 1992
80.2 in 1977	...	...
80.2 in 1974	<b>21 7.91 in 2016</b>	<b>41 7.91 in 2016</b>
80.2 in 1958		

Normal Temperature for September at CHIF1 = 77.8

Normal Rainfall for September at CHIF1 = 6.89

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**INVERNESS 3 SE** (records began in July 1948):

Warmest September's	Wettest September's	Driest September's
1 82.3 in 1954	<b>1 16.73 in 2016</b>	1 0.76 in 1961
2 82.2 in 1958	2 16.54 in 1950	2 1.07 in 2008
3 82.0 in 1970	3 16.27 in 2004	3 1.21 in 1967
4 81.8 in 1974	4 15.67 in 2001	4 1.25 in 1972
5 81.7 in 2010	5 15.24 in 1960	5 1.74 in 1954
6 81.4 in 2009	6 13.15 in 1979	6 1.76 in 2012
7 81.2 in 1977	7 12.23 in 1982	7 1.80 in 1990
<b>8 81.1 in 2016</b>	8 11.92 in 1964	8 1.96 in 1996
81.1 in 1965	9 10.89 in 1988	9 2.04 in 2005
81.1 in 1951	10 9.09 in 1973	10 2.10 in 1978

Normal Temperature for September at INV1 = 79.4

Normal Rainfall for September at INV1 = 6.00

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**BROOKSVILLE AREA** (records began in January 1892):

Warmest September's		Wettest September's		Driest September's	
1	82.5 in 1926	1	22.34 in 1950	1	0.48 in 1972
2	81.9 in 1906	2	17.32 in 1979	2	0.90 in 2008
3	81.8 in 1958	3	15.87 in 1894	3	1.39 in 1910
	81.8 in 1925	4	15.53 in 1912	4	1.69 in 1991
5	81.7 in 1930	5	15.16 in 1935	5	1.74 in 1990
6	81.6 in 1911	6	14.12 in 1988	6	1.90 in 1958
7	81.5 in 2002	7	13.88 in 1947	7	2.02 in 1961
	81.5 in 1991	8	13.77 in 1938	8	2.09 in 1909
9	81.4 in 1915	9	13.33 in 2016	9	2.29 in 2007
10	81.3 in 1927	10	12.84 in 1960	10	2.50 in 1915
11	81.2 in 1905				
12	81.1 in 2016				
	81.1 in 1928				

Normal Temperature for September at BKV = 79.3

Normal Rainfall for September at BKV = 6.56

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**ST LEO** (records began in April 1895):

Warmest September's		Wettest September's		Driest September's	
1	83.5 in 1925	1	17.44 in 2004	1	0.75 in 1990
2	82.5 in 2002	2	17.38 in 1929	2	1.17 in 1972
3	82.3 in 1900	3	17.03 in 1950	3	1.21 in 1978
4	82.2 in 2009	4	16.81 in 1912	4	1.76 in 1995
5	82.0 in 1944	5	16.52 in 1960	5	1.97 in 2008
6	81.9 in 2008	6	15.07 in 1935	6	2.05 in 1991
	81.9 in 2007	7	15.01 in 1933	7	2.10 in 1910
8	81.8 in 2005	8	14.93 in 1949	8	2.24 in 1911
	81.8 in 1958	9	14.70 in 1953	9	2.41 in 2010
	81.8 in 1951	10	13.33 in 1982	10	2.58 in 1909
...		...		...	
86	79.4 in 2016	16	11.94 in 2016	104	11.94 in 2016

Normal Temperature for September at STLF1 = 80.9

Normal Rainfall for September at STLF1 = 6.81

**TARPON SPRINGS** (records began in January 1892):

Warmest September's		Wettest September's		Driest September's	
1	84.0 in 1925	1	18.13 in 1988	1	0.44 in 2005
2	83.5 in 1933	2	15.80 in 2006	2	0.58 in 1972
3	83.2 in 1996	3	15.54 in 1971	3	0.82 in 2008
4	83.0 in 1921	4	15.39 in 1935		0.82 in 1921
5	82.9 in 1944	5	15.28 in 2014	5	1.97 in 1910
6	82.7 in 1997	6	14.27 in 1911	6	2.05 in 1967
7	82.6 in 1926	7	13.21 in 1959	7	2.16 in 2007
8	82.3 in 1951	8	13.12 in 1898		2.16 in 1952
	82.3 in 1930	9	12.79 in 1983	9	2.65 in 1919
10	82.2 in 1995	10	12.70 in 1960	10	2.69 in 1978
	82.2 in 1989	...		...	
<b>12</b>	<b>82.1 in 2016</b>	<b>15</b>	<b>11.37 in 2016</b>	<b>107</b>	<b>11.37 in 2016</b>
	in 2010				
	in 1993				
	in 1992				
	in 1990				

Normal Temperature for September at TRPF1 = 80.2

Normal Rainfall for September at TRPF1 = 6.99

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**TAMPA AREA** (records began in April 1890):

Warmest September's		Wettest September's		Driest September's	
<b>1</b>	<b>83.8 in 2016</b>	1	18.93 in 1912	1	0.79 in 2005
2	83.2 in 2010	2	17.28 in 1894		0.79 in 1910
	83.2 in 1925	3	13.98 in 1979	3	1.05 in 1937
4	83.1 in 1944	4	13.56 in 1988	4	1.13 in 2010
5	82.9 in 2005	5	13.29 in 1929	5	1.28 in 1972
	82.9 in 1958	6	13.04 in 1947	6	1.58 in 1921
7	82.8 in 2015	7	12.84 in 1997	7	1.68 in 1904
	82.8 in 1990	8	12.40 in 2006	8	1.90 in 1927
	82.8 in 1974	9	11.76 in 2001	9	2.08 in 1915
	82.8 in 1933	10	11.56 in 1953	10	2.20 in 1967
		...		...	
		<b>91</b>	<b>4.14 in 2016</b>	<b>37</b>	<b>4.14 in 2016</b>

Normal Temperature for September at TPA = 81.7

Normal Rainfall for September at TPA = 6.30

**ST PETERSBURG** (records began in August 1914):

Warmest September's		Wettest September's		Driest September's	
1	85.7 in 2005	1	25.51 in 1988	1	1.09 in 2008
2	84.8 in 1925	2	18.60 in 1953	2	1.40 in 1967
3	84.4 in 2010	3	16.39 in 2001	3	1.48 in 1972
4	84.3 in 1933	4	14.40 in 1929	4	1.61 in 2010
5	83.8 in 1970	5	14.03 in 1962	5	1.84 in 1990
6	83.7 in 2008	6	13.39 in 1928	6	1.90 in 2005
7	83.6 in 1986	7	13.07 in 1933	7	2.13 in 1915
	83.6 in 1944	8	12.63 in 1997	8	2.30 in 1944
	83.6 in 1941	9	12.46 in 2004	9	2.35 in 1925
10	83.5 in 1972	10	12.36 in 1926	10	2.52 in 1964
	83.5 in 1958	...		...	
...		<b>55</b>	<b>6.76 in 2016</b>	<b>49</b>	<b>6.76 in 2016</b>
<b>15</b>	<b>83.2 in 2016</b>				

Normal Temperature for September at SPG = 82.3

Normal Rainfall for September at SPG = 7.76

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**PLANT CITY** (records began in September 1892):

Warmest September's		Wettest September's		Driest September's	
<b>1</b>	<b>82.9 in 2016</b>	1	18.43 in 1894	1	0.71 in 1972
2	81.8 in 1958	2	18.21 in 2004	2	0.75 in 1909
	81.8 in 1951	3	17.09 in 1947	3	0.97 in 1915
4	81.7 in 1974	4	16.77 in 1998	4	1.12 in 1991
	81.7 in 1970	5	15.42 in 1988	5	1.26 in 1961
6	81.6 in 2010	6	15.12 in 1960	6	1.27 in 1937
	81.6 in 1977	7	14.75 in 1933	7	1.50 in 1911
	81.6 in 1925	8	14.20 in 1979	8	1.64 in 1990
9	81.5 in 2009	9	13.38 in 1912	9	2.15 in 1978
	81.5 in 2007	10	12.49 in 1929		2.15 in 1967
	81.5 in 2002	...		...	
	81.5 in 1944	<b>27</b>	<b>9.29 in 2016</b>	<b>89</b>	<b>9.29 in 2016</b>

Normal Temperature for September at PLCF1 = 80.3

Normal Rainfall for September at PLCF1 = 7.09

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**LAKELAND** (records began in January 1915):

Warmest September's		Wettest September's		Driest September's	
1	83.0 in 1987	1	19.67 in 2004	1	0.31 in 1921
<b>2</b>	<b>82.9 in 2016</b>	2	15.52 in 1929	2	0.81 in 1972
	82.9 in 1989	3	15.47 in 1998	3	1.26 in 1944
4	82.8 in 1988	4	15.18 in 1989	4	1.45 in 2008
5	82.7 in 2010	5	13.75 in 1933	5	1.55 in 1961
	82.7 in 1990	6	13.67 in 2001	6	2.42 in 1927
7	82.6 in 1986	7	12.99 in 2014	7	2.57 in 1925
8	82.5 in 2015	8	12.33 in 1979	8	2.59 in 1937
	82.5 in 1991	9	11.68 in 1947	9	2.68 in 1991
10	82.4 in 2009	10	11.01 in 1993	10	2.86 in 1971
	82.4 in 1993	...		...	
		<b>14</b>	<b>10.03 in 2016</b>	<b>88</b>	<b>10.03 in 2016</b>

Normal Temperature for September at LLDF1 = 80.2

Normal Rainfall for September at LLDF1 = 7.44

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**WINTER HAVEN AREA** (records began in January 1941):

Warmest September's		Wettest September's		Driest September's	
1	84.0 in 1989	1	19.34 in 1998	1	1.08 in 2008
2	83.2 in 1991	2	17.26 in 1960	2	1.10 in 1972
<b>3</b>	<b>82.9 in 2016</b>	3	14.79 in 2001	3	1.22 in 1961
4	82.6 in 2002	4	13.46 in 1948	4	1.61 in 2005
	82.6 in 1951	5	13.69 in 1946	5	1.96 in 2015
6	82.5 in 2010	6	12.84 in 2014		1.96 in 1952
	82.5 in 2007	7	12.83 in 1947	7	2.16 in 1990
	82.5 in 1995	8	12.47 in 1979	8	2.33 in 2009
9	82.4 in 2005	9	11.32 in 1987	9	2.35 in 2006
	82.4 in 1986	10	10.51 in 1950	10	2.47 in 1944
	82.4 in 1944	...		...	
		<b>45</b>	<b>4.50 in 2016</b>	<b>28</b>	<b>4.50 in 2016</b>
			in 1970		in 1970

Normal Temperature for September at GIF = 81.5

Normal Rainfall for September at GIF = 6.25

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**BARTOW** (records began in June 1892):

Warmest September's	Wettest September's	Driest September's
1 83.5 in 2014	1 17.24 in 2004	1 1.04 in 1972
2 83.3 in 1925	2 16.91 in 1894	2 1.73 in 2005
3 83.2 in 1988	3 16.61 in 1928	3 1.76 in 1904
4 82.8 in 2002	4 15.96 in 1998	4 2.35 in 1942
5 82.7 in 1987	5 15.77 in 1933	5 2.41 in 1961
6 82.6 in 1951	6 15.59 in 1960	6 2.47 in 1937
7 82.5 in 1958	7 15.06 in 1979	7 2.51 in 1991
82.5 in 1944	8 14.64 in 1982	8 2.52 in 1910
9 82.3 in 1989	9 14.25 in 1947	9 2.57 in 1990
10 82.2 in 1995	10 13.72 in 1908	10 2.88 in 1954
<b>11 82.1 in 2016</b>	...	...
82.1 in 1933	<b>45 7.66 in 2016</b>	<b>72 7.66 in 2016</b>

Normal Temperature for September at BARF1 = 81.4

Normal Rainfall for September at BARF1 = 6.55

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**SARASOTA-BRADENTON** (records began in January 1911):

Warmest September's	Wettest September's	Driest September's
<b>1 83.9 in 2016</b>	1 21.16 in 1962	1 1.07 in 2005
2 82.7 in 2007	2 19.14 in 1953	2 1.17 in 2010
3 82.5 in 1925	3 17.31 in 1928	3 1.94 in 2012
4 82.3 in 2010	4 16.92 in 1929	4 2.02 in 1945
82.3 in 2009	5 16.65 in 1912	5 2.27 in 1921
82.3 in 2005	6 15.86 in 1926	6 2.33 in 1984
82.3 in 1989	7 15.65 in 1960	7 2.37 in 1944
8 82.2 in 2011	8 15.57 in 1988	8 2.41 in 1972
82.2 in 2002	9 14.50 in 1979	9 2.74 in 1991
82.2 in 1991	10 13.40 in 1989	10 2.85 in 1915
82.2 in 1990	...	...
	<b>68 5.48 in 2016</b>	<b>39 5.48 in 2016</b>

Normal Temperature for September at SRQ = 81.4

Normal Rainfall for September at SRQ = 7.10

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**VENICE** (records began in April 1955):

Warmest September's	Wettest September's	Driest September's
1 85.4 in 1989	1 16.20 in 1960	1 1.72 in 1961
2 84.5 in 2009	2 14.77 in 1962	2 1.84 in 1981
3 84.1 in 2010	3 14.23 in 1983	3 1.93 in 2005
4 83.6 in 2011	4 13.10 in 2013	4 2.22 in 1993
5 83.2 in 2012	5 12.49 in 2003	5 2.61 in 1986
6 83.0 in 1998	6 12.31 in 1968	6 3.25 in 2011
7 82.9 in 2002	7 12.22 in 2014	7 3.43 in 1958
8 82.5 in 1995	8 11.96 in 1994	8 3.69 in 1965
9 82.4 in 2016	9 11.95 in 1995	9 3.79 in 1990
82.4 in 2013	10 11.44 in 1975	3.79 in 1984
82.4 in 1996	...	...
	49 4.41 in 2016	14 4.41 in 2016

Normal Temperature for September at VNCF1 = 81.0

Normal Rainfall for September at VNCF1 = 6.93

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**MYAKKA RIVER STATE PARK** (Temperature records began in March 1956  
and Rainfall records began in Sep 1943):

Warmest September's	Wettest September's	Driest September's
1 82.6 in 2009	1 22.49 in 1962	1 1.48 in 2005
2 82.5 in 2010	2 21.08 in 1979	2 2.29 in 1972
82.5 in 1991	3 18.10 in 2001	3 2.36 in 1961
4 82.3 in 2015	4 14.65 in 2014	4 2.40 in 1986
82.3 in 1998	5 14.04 in 1960	5 2.65 in 2008
82.3 in 1990	6 12.82 in 1957	6 2.74 in 1990
7 82.2 in 2002	7 12.42 in 1995	7 3.76 in 1991
82.2 in 1996	8 11.98 in 1982	8 4.19 in 1984
82.2 in 1993	9 11.96 in 1994	9 4.24 in 1966
10 82.1 in 1997	10 11.77 in 2006	10 4.33 in 1993
82.1 in 1979		

Average Temperature for September 2016 = Not Available Yet

Normal Temperature for September at MKCF1 = 81.1

Total Rainfall for September 2016 = Not Available Yet

Normal Rainfall for September at MKCF1 = 7.91

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**WAUCHULA 2 N** (records began in January 1933):

Warmest September's		Wettest September's		Driest September's	
1	84.5 in 2009	1	18.46 in 1947	1	1.19 in 1961
2	83.4 in 2008	2	14.38 in 1953	2	1.44 in 1972
3	82.5 in 2007	3	13.91 in 1948	3	1.61 in 1933
4	82.4 in 1989	4	13.83 in 1960	4	1.91 in 2008
5	82.2 in 1988	5	11.56 in 1979	5	2.00 in 1980
	82.2 in 1933	6	11.41 in 1962	6	2.21 in 1991
7	82.0 in 1974	7	11.33 in 2015	7	2.70 in 1978
<b>8</b>	<b>81.9 in 2016</b>	8	10.95 in 1982	8	3.26 in 1976
9	81.8 in 1993	9	10.47 in 2000	9	3.35 in 1987
	81.8 in 1992	10	10.19 in 1998	10	3.46 in 2002
	81.8 in 1941	...		...	
		<b>29</b>	<b>7.19 in 2016</b>	<b>54</b>	<b>7.19 in 2016</b>

Normal Temperature for September at WAUF1 = 82.1

Normal Rainfall for September at WAUF1 = 6.09

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**ARCADIA** (records began in January 1899):

Warmest September's		Wettest September's		Driest September's	
1	81.8 in 1905	1	17.71 in 1940	1	1.40 in 1961
2	81.7 in 1974	2	17.05 in 1960	2	2.02 in 1925
	81.7 in 1933	3	15.67 in 1908	3	2.05 in 1909
	81.7 in 1925	4	15.66 in 1930	4	2.24 in 1980
	81.7 in 1902	5	14.81 in 1929	5	2.39 in 1972
6	81.6 in 1912	6	14.67 in 2001	6	2.44 in 1911
7	81.5 in 2011	7	13.74 in 1979	7	2.60 in 1990
	81.5 in 1991	8	13.30 in 2003	8	2.75 in 1932
	81.5 in 1944		13.30 in 1962	9	2.98 in 1996
	81.5 in 1900	10	13.24 in 1949	10	3.16 in 1913

Average Temperature for September 2016 = Not Available Yet

Normal Temperature for September at ARCF1 = 80.2

Total Rainfall for September 2016 = Not Available Yet

Normal Rainfall for September at ARCF1 = 7.28

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**ARCHBOLD BIO STN** (records began in January 1969):

Warmest September's      Wettest September's      Driest September's

<b>1   82.3 in 2016</b>	1   14.15 in 1979	1   0.70 in 1996
2   81.8 in 2015	<b>2   12.78 in 2016</b>	2   2.37 in 1983
3   81.2 in 1974	3   12.54 in 2004	3   2.41 in 1988
4   81.1 in 2002	4   11.55 in 2001	4   2.92 in 1980
5   80.9 in 2010	5   11.47 in 2014	5   3.22 in 2008
80.9 in 2009	6   10.69 in 2012	6   3.30 in 2005
80.9 in 1989	7   10.65 in 1982	7   3.58 in 2011
8   80.7 in 1990	8   9.97 in 1973	8   3.79 in 2006
9   80.6 in 2000	9   9.92 in 1987	9   3.83 in 2010
80.6 in 1988	10   9.87 in 1977	3.83 in 2007
80.6 in 1973		

Normal Temperature for September at ACHF1 = 79.7

Normal Rainfall for September at ACHF1 = 6.46

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**PUNTA GORDA 4 ESE** (records began in May 1914):

Warmest September's      Wettest September's      Driest September's

<b>1   84.3 in 2016</b>	1   17.09 in 1959	1   1.23 in 1978
2   84.2 in 1951	2   16.54 in 1929	2   2.94 in 1952
3   83.3 in 2002	3   16.47 in 1962	3   3.33 in 1990
4   83.0 in 2015	4   16.13 in 1947	4   3.36 in 1991
83.0 in 2009	5   14.86 in 1935	5   3.44 in 1987
83.0 in 1988	6   14.39 in 2003	6   3.65 in 2008
7   82.8 in 1986	7   14.15 in 1928	7   3.71 in 1972
8   82.7 in 1933	8   14.03 in 1979	8   3.74 in 1986
9   82.6 in 1989	9   13.77 in 1926	9   3.76 in 1965
10   82.5 in 2010	10   13.43 in 1922	10   3.81 in 1927
82.5 in 1944	...	...
	<b>28   9.55 in 2016</b>	<b>75   9.55 in 2016</b>

Normal Temperature for September at PNTF1 = 81.9

Normal Rainfall for September at PNTF1 = 6.84

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**FORT MYERS AREA** (records began in January 1902):

Warmest September's		Wettest September's		Driest September's	
1	84.7 in 1980	1	17.35 in 1922	1	1.93 in 1988
2	84.0 in 1996	2	17.21 in 2003	2	2.33 in 1972
3	83.7 in 1988	3	16.60 in 1969	3	2.48 in 1956
4	83.6 in 1997	4	16.32 in 1947	4	2.80 in 1961
5	83.5 in 1986	5	15.58 in 1953	5	3.04 in 1937
	83.5 in 1979	6	15.44 in 1929	6	3.07 in 1904
7	83.4 in 1990	7	14.86 in 2008	7	3.24 in 1925
8	83.1 in 2011	8	14.54 in 1962	8	3.39 in 1906
	83.1 in 2010	9	14.49 in 1935	9	3.48 in 1951
	83.1 in 1995	10	14.14 in 2001	10	3.56 in 1944
	83.1 in 1987				3.56 in 1936
	83.1 in 1985	...		...	
	83.1 in 1981	<b>60</b>	<b>7.41 in 2016</b>	<b>56</b>	<b>7.41 in 2016</b>
<b>14</b>	<b>83.0 in 2016</b>				
	83.0 in 2007				
	83.0 in 1974				

Normal Temperature for September at FMY = 82.4

Normal Rainfall for September at FMY = 8.31

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For more local climate information, please visit our web page at <http://weather.gov/tampabay> and look within the "Climate and Past Weather" drop down menu above the map of the area.